

Resource Summary Report

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Standard BioTools

RRID:SCR_023606

Type: Tool

Proper Citation

Standard BioTools (RRID:SCR_023606)

Resource Information

URL: <https://www.standardbio.com/>

Proper Citation: Standard BioTools (RRID:SCR_023606)

Description: American company engaged in design, manufacture and sale of biological research equipment based on integrated fluidic circuit technology. Founders leveraged their semiconductor experience to create integrated circuits that carried fluids rather than electrons.

Synonyms: Standard BioTools Inc.

Resource Type: commercial organization

Keywords: American company, integrated fluidic circuit technology, semiconductor, integrated circuits, fluids

Resource Name: Standard BioTools

Resource ID: SCR_023606

Record Creation Time: 20230527T050216+0000

Record Last Update: 20260808T190257+0000

Ratings and Alerts

No rating or validation information has been found for Standard BioTools.

No alerts have been found for Standard BioTools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 471 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Das M, et al. (2025) Bisignate Surface-Enhanced Raman Optical Activity with Analyte-Capped Colloids. *ACS nano*, 19(10), 10412.

O'Donoghue S, et al. (2025) Examination of the lung and lymphoid tissue mRNA transcriptome response in dairy calves following experimental challenge with bovine alphaherpesvirus one (BoHV-1). *PloS one*, 20(5), e0319575.

Gao CY, et al. (2025) Abdominal ultrasound stimulation alleviates DSS-induced colitis and behavioral disorders in mice by mediating the microbiota-gut-brain axis balance. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 22(2), e00494.

Hughes E, et al. (2025) Ordered Aggregates of Fmoc-Diphenylalanine at Alkaline pH as a Precursor of Fibril Formation and Peptide Gelation. *The journal of physical chemistry. B*, 129(1), 260.

Cariolato E, et al. (2025) Population Genomics and Connectivity of the Blue Mussel Species Complex: Insights From a North-East Atlantic Hybrid Zone. *Evolutionary applications*, 18(12), e70185.

Contreras A, et al. (2025) Mapping the hippocampal spatial proteomic signature in male and female mice of an early Alzheimer's disease model. *Biology of sex differences*, 16(1), 36.

Makambi WK, et al. (2025) Role of amino acid substitutions on proteolytic stability of histatin 5 in the presence of secreted aspartyl proteases and salivary proteases. *Protein science : a publication of the Protein Society*, 34(1), e70011.

Lin YC, et al. (2025) Transcranial ultrasound stimulation ameliorates dextran sulphate sodium-induced colitis and behavioural disorders by suppressing the inflammatory response in the brain. *Brain communications*, 7(2), fcac119.

Kowli S, et al. (2025) Comprehensive immune profiling of dengue and chikungunya viral responses using a novel miniaturized automated whole blood cellular analysis system and mass cytometry in a pediatric cohort in Msambweni, Kenya. *ImmunoHorizons*, 9(4).

Enkhbayar B, et al. (2025) Insights into the transcriptional regulation of CD22 in B cell chronic lymphocytic leukemia. *The Journal of biological chemistry*, 301(4), 108386.

Kang DS, et al. (2024) Ectopic Expression of a Truncated Isoform of Hair Keratin 81 in Breast Cancer Alters Biophysical Characteristics to Promote Metastatic Propensity. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(5), e2300509.

Yuan T, et al. (2024) Josephin domain containing 2 (JOSD2) promotes lung cancer by inhibiting LKB1 (Liver kinase B1) activity. *Signal transduction and targeted therapy*, 9(1), 11.

Kitazawa N, et al. (2024) Development of SNP genotyping assays for heading date in rice. *Breeding science*, 74(3), 274.

Wilk SS, et al. (2024) Proteomic Analyses Reveal the Role of Alpha-2-Macroglobulin in Canine Osteosarcoma Cell Migration. *International journal of molecular sciences*, 25(7).

Singh J, et al. (2024) Calpain-1 weakens the nuclear envelope and promotes the release of neutrophil extracellular traps. *Cell communication and signaling : CCS*, 22(1), 435.

Kattelus R, et al. (2024) Phenotypic profiling of human induced regulatory T cells at early differentiation: insights into distinct immunosuppressive potential. *Cellular and molecular life sciences : CMLS*, 81(1), 399.

Donnelly H, et al. (2024) Bioengineered niches that recreate physiological extracellular matrix organisation to support long-term haematopoietic stem cells. *Nature communications*, 15(1), 5791.

Liu YN, et al. (2024) Immunosuppressive role of BDNF in therapy-induced neuroendocrine prostate cancer. *Molecular oncology*.

Liput KP, et al. (2024) Murine hepatic proteome adaptation to high-fat diets with different contents of saturated fatty acids and linoleic acid : ??-linolenic acid polyunsaturated fatty acid ratios. *Journal of veterinary research*, 68(3), 427.

Pontifex MG, et al. (2024) A novel Mediterranean diet-inspired supplement ameliorates cognitive, microbial, and metabolic deficits in a mouse model of low-grade inflammation. *Gut microbes*, 16(1), 2363011.